



PCT10

## RAW SEQUENCE LISTING

DATE: 12/27/2002

PATENT APPLICATION: US/10/089,320A

TIME: 12:41:02

Input Set : N:\Crf4\12112002\J089320.raw

Output Set: N:\CRF4\12272002\J089320A.raw

1 <110> APPLICANT: KYOWA HAKKO KOGYO CO., LTD.  
 2 <120> TITLE OF INVENTION: Shear Stress-Responsive Genes  
 3 <130> FILE REFERENCE: 1241.22  
 4 <140> CURRENT APPLICATION NUMBER: US/10/089,320A  
 5 <141> CURRENT FILING DATE: 2002-03-28  
 6 <150> PRIOR APPLICATION NUMBER: JP 1999-280976  
 7 <151> PRIOR FILING DATE: 1999-10-01  
 8 <160> NUMBER OF SEQ ID NOS: 181  
 9 <170> SOFTWARE: PatentIn Ver. 2.0

*mp 2-4*  
**Important:**  
 All nucleotides  
 must be in lower-case  
 letters.

## ERRORED SEQUENCES

**Does Not Comply**  
**Corrected Diskette Needed**

13688 <210> SEQ ID NO: 168  
 13689 <211> LENGTH: 1536  
 13690 <212> TYPE: DNA  
 13691 <213> ORGANISM: Homo sapiens  
 13692 <220> FEATURE:  
 13693 <221> NAME/KEY: CDS  
 13694 <222> LOCATION: (139)..(1062)  
 13695 <400> SEQUENCE: 168

13696	gtgctccgcc gcccgcccg acccgggccc agccgcctcc acggcccgcg ctcgtaactgg	60
13697	agcgaagagc ggctcctga gggaggggaa gggacgtggg ggcggccacg gcaggattaa	120
13698	cctccatttc agctaatac atg gga gag att aaa gtc tct cct gat tat aac	171
13699	Met Gly Glu Ile Lys Val Ser Pro Asp Tyr Asn	
13700	1 5 10	
13701	tgg ttt aga ggt aca gtt ccc ctt aaa aag att att gtg gat gat gat	219
13702	Trp Phe Arg Gly Thr Val Pro Leu Lys Lys Ile Ile Val Asp Asp Asp	
13703	15 20 25	
13704	gac agt aag ata tgg tcg ctc tat gac gcg ggc ccc cga agt atc agg	267
13705	Asp Ser Lys Ile Trp Ser Leu Tyr Asp Ala Gly Pro Arg Ser Ile Arg	
13706	30 35 40	
13707	tgt cct ctc ata ttc ctg ccc cct gtc agt gga act gca gat gtc ttt	315
13708	Cys Pro Leu Ile Phe Leu Pro Pro Val Ser Gly Thr Ala Asp Val Phe	
13709	45 50 55	
13710	ttc cgg cag att ttg gct ctg act gga tgg ggt tac cgg gtt atc gct	363
13711	Phe Arg Gln Ile Leu Ala Leu Thr Gly Trp Gly Tyr Arg Val Ile Ala	
13712	60 65 70 75	
13713	ttg cag tat cca gtt tat tgg gac cat ctc gag ttc tgt gat gga ttc	411
13714	Leu Gln Tyr Pro Val Tyr Trp Asp His Leu Glu Phe Cys Asp Gly Phe	
13715	80 85 90	
13716	aga aaa ctt tta gac cat tta caa ttg gat aaa gtt cat ctt ttt ggc	459
13717	Arg Lys Leu Leu Asp His Leu Gln Leu Asp Lys Val His Leu Phe Gly	

*See P. 2*

*Per Sequence  
 Rules,  
 for  
 "new"  
 Sequence  
 Listing*



RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/089,320A

DATE: 12/27/2002  
TIME: 12:41:04

Input Set : N:\Crf4\12112002\J089320.raw  
Output Set: N:\CRF4\12272002\J089320A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:159; Line(s) 13612  
Seq#:160; Line(s) 13621  
Seq#:161; Line(s) 13630  
Seq#:162; Line(s) 13639  
Seq#:163; Line(s) 13648  
Seq#:164; Line(s) 13657  
Seq#:165; Line(s) 13666  
Seq#:166; Line(s) 13675  
Seq#:167; Line(s) 13684  
Seq#:168; Line(s) 13696,13697,13698,13701,13704,13707,13710,13713,13716  
Seq#:168; Line(s) 13719,13722,13725,13728,13731,13734,13737,13740,13743  
Seq#:168; Line(s) 13746,13749,13752,13755,13758,13759,13760,13761,13762  
Seq#:168; Line(s) 13763,13764  
Seq#:170; Line(s) 13820,13821,13822,13823,13826,13829,13832,13835,13838  
Seq#:170; Line(s) 13841,13844,13847,13850,13853,13856,13859,13862,13865  
Seq#:170; Line(s) 13868,13871,13874,13876,13877,13878,13879,13880,13881  
Seq#:170; Line(s) 13882,13883,13884,13885,13886,13887,13888,13889,13890  
Seq#:170; Line(s) 13891,13892,13893,13894,13895,13896,13897,13898,13899  
Seq#:170; Line(s) 13900,13901  
Seq#:172; Line(s) 13951,13952,13955,13958,13961,13964,13967,13970,13973  
Seq#:172; Line(s) 13976,13979,13982,13985,13988,13991,13994,13997,14000  
Seq#:172; Line(s) 14003,14006,14009,14012,14015,14018,14021,14024,14025  
Seq#:172; Line(s) 14026,14027,14028,14029,14030,14031,14032,14033,14034  
Seq#:172; Line(s) 14035,14036,14037,14038,14039,14040,14041,14042,14043  
Seq#:172; Line(s) 14044,14045,14046

## VERIFICATION SUMMARY

DATE: 12/27/2002

PATENT APPLICATION: US/10/089,320A

TIME: 12:41:04

Input Set : N:\Cr4\12112002\J089320.raw

Output Set: N:\CRF4\12272002\J089320A.raw

L:1458 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ ID#:15  
L:1458 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:1485  
L:1459 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:1545  
L:1460 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:1605  
L:1461 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:1665  
L:1462 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:1725  
L:1463 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:1785  
L:1471 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:2265  
L:1475 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:2505  
L:1478 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:2685  
L:1479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:2745  
L:1480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:2805  
L:7015 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ ID#:67  
L:7015 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:1457  
L:10581 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ ID#:109  
L:10581 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:435  
L:10584 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:483  
L:10713 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:110,Line#:0  
L:10713 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:110,Line#:0  
L:10720 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:110 after pos.:48  
L:10722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:110 after pos.:64  
L:10948 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:96  
L:10951 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:144  
L:10963 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:336  
L:11030 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:114 after pos.:16  
L:11032 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:114 after pos.:32  
L:11040 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:114 after pos.:96  
L:11080 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:116 after pos.:120  
L:11098 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117 after pos.:0  
L:11099 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117 after pos.:52  
L:11134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118 after pos.:0  
L:11267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121 after pos.:0  
L:11268 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121 after pos.:49  
L:11320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122 after pos.:0  
L:11368 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:123 after pos.:370  
L:11390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124 after pos.:48  
L:11618 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131 after pos.:360  
L:11619 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131 after pos.:420  
L:11658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:132 after pos.:180  
L:11661 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:132 after pos.:360  
L:11662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:132 after pos.:420  
L:11687 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:133 after pos.:300  
L:13613 M:201 W: Mandatory field data missing, <213> ORGANISM  
L:13622 M:201 W: Mandatory field data missing, <213> ORGANISM  
L:13631 M:201 W: Mandatory field data missing, <213> ORGANISM  
L:13764 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:4